

10 / 583986

=====

Sequence Listing could not be accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: Thu Sep 13 17:19:26 EDT 2007

=====

Reviewer Comments:

<210> 17

<211> 32

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<220>

<221> misc_feature

<222> (13)..(14)

<223> D-Val

<220>

<221> misc_feature

<222> (17)..(17)

<223> D-Val

<400> 17

Phe Ser Glu Pro Glu Ile Thr Leu Ile Ile Phe Gly Val Met Ala Gly
1 5 10 15

Val Ile Gly Thr Ile Leu Leu Ile Ser Tyr Gly Ile Arg Arg Leu Ile
20 25 30

The above <222> (13)..(14) is erroneous for "D-Val"; Val is only at location 13: "Met" is at location 14.

<210> 25
<211> 17
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<220>
<221> misc_feature
<222> (5)..(5)
<223> D-Ala

<220>
<221> misc_feature
<222> (6)..(6)
<223> D-Glu

<220>
<221> misc_feature
<222> (7)..(7)
<223> D-Ala

<220>
<221> misc_feature
<222> (8)..(8)
<223> D-Ala

<220>
<221> misc_feature
<222> (11)..(11)
<223> D-Ala

<220>
<221> misc_feature
<222> (15)..(15)
<223> D-Ala

<220>

```
<221> misc_feature
<222> (16)..(16)
<223> D-Ala
```

```
<220>
<221> misc_feature
<222> (17)..(17)
<223> D-Ala
```

```
<400> 25
```

Lys	Lys	Ile	Thr	Ala	Gly	Ala	Ala	Gly	Val	Ala	Ala	Gly	Val	Ala	Ala
1				5					10					15	

Ala

The above <223> response for the amino acid at location 6 is incorrect:
the <223> response shows "D-Glu." "Gly" is at location 6.

```
*****
```

Application No: 10583996 Version No: 1.0

Input Set:

Output Set:

Started: 2007-09-04 12:49:55.524
Finished: 2007-09-04 12:49:57.061
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 537 ms
Total Warnings: 29
Total Errors: 0
No. of SeqIDs Defined: 29
Actual SeqID Count: 29

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)

Input Set:

Output Set:

Started: 2007-09-04 12:49:55.524
Finished: 2007-09-04 12:49:57.061
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 537 ms
Total Warnings: 29
Total Errors: 0
No. of SeqIDs Defined: 29
Actual SeqID Count: 29

Error code	Error Description
	This error has occurred more than 20 times, will not be displayed

SEQUENCE LISTING

<110> Yeda Research and Development Co. Ltd. at the Weizmann
Institute of Science

<120> Diastereomeric Peptides Useful As Inhibitors of Membrane Protein
Assembly

<130> YEDA/038 PCT

<140> 10583996

<141> 2007-09-04

<150> US 60/530,899

<151> 2003-12-22

<160> 29

<170> PatentIn version 3.3

<210> 1

<211> 36

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 1

Tyr Thr Ser Leu Ile His Ser Leu Ile Glu Glu Ser Gln Asn Gln Gln
1 5 10 15

Glu Lys Asn Glu Gln Glu Leu Leu Glu Leu Asp Lys Trp Ala Ser Leu
20 25 30

Trp Asn Trp Phe
35

<210> 2

<211> 36

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<220>

<221> misc_feature

<222> (12)..(12)

<223> D-Ser

<220>

<221> misc_feature

<222> (13)..(13)

<223> D-Gln

<400> 2

Tyr Thr Ser Leu Ile His Ser Leu Ile Glu Glu Ser Gln Asn Gln Gln
1 5 10 15

Glu Lys Asn Glu Gln Glu Leu Leu Glu Leu Asp Lys Trp Ala Ser Leu
20 25 30

Trp Asn Trp Phe

35

<210> 3

<211> 36

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<220>

<221> misc_feature

<222> (32)..(32)

<223> D-Leu

<220>

<221> misc_feature

<222> (33)..(33)

<223> D-Trp

<400> 3

Tyr Thr Ser Leu Ile His Ser Leu Ile Glu Glu Ser Gln Asn Gln Gln
1 5 10 15

Glu Lys Asn Glu Gln Glu Leu Leu Glu Leu Asp Lys Trp Ala Ser Leu
20 25 30

Trp Asn Trp Phe

35

<210> 4

<211> 33

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 4

Ala Val Gly Ile Gly Ala Leu Phe Leu Gly Phe Leu Gly Ala Ala Gly
1 5 10 15

Ser Thr Met Gly Ala Arg Ser Met Thr Leu Thr Val Gln Ala Arg Gln
20 25 30

Leu

<210> 5

<211> 33

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<220>

<221> misc_feature

<222> (4)..(4)

<223> D-Ile

<220>

<221> misc_feature

<222> (8)..(8)

<223> D-Phe

<220>

<221> misc_feature

<222> (11)..(11)

<223> D-Phe

<220>

<221> misc_feature

<222> (14)..(14)

<223> D-Ala

<400> 5

Ala Val Gly Ile Gly Ala Leu Phe Leu Gly Phe Leu Gly Ala Ala Gly
1 5 10 15

Ser Thr Met Gly Ala Arg Ser Met Thr Leu Thr Val Gln Ala Arg Gln
20 25 30

Leu

<210> 6
<211> 33
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<220>
<221> misc_feature
<222> (8)..(8)
<223> D-Phe

<220>
<221> misc_feature
<222> (11)..(11)
<223> D-Phe

<400> 6

Ala Val Gly Ile Gly Ala Leu Phe Leu Gly Phe Leu Gly Ala Ala Gly
1 5 10 15

Ser Thr Met Gly Ala Arg Ser Met Thr Leu Thr Val Gln Ala Arg Gln
20 25 30

Leu

<210> 7
<211> 33
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<220>
<221> misc_feature
<222> (8)..(8)
<223> D-Phe

<220>
<221> misc_feature
<222> (11)..(11)
<223> D-Phe

<220>
<221> misc_feature
<222> (21)..(21)

<223> D-Ala

<220>

<221> misc_feature

<222> (26)..(26)

<223> D-Leu

<400> 7

Ala Val Gly Ile Gly Ala Leu Phe Leu Gly Phe Leu Gly Ala Ala Gly
1 5 10 15

Ser Thr Met Gly Ala Arg Ser Met Thr Leu Thr Val Gln Ala Arg Gln
20 25 30

Leu

<210> 8

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 8

Ile Thr Leu Ile Ile Phe Gly Val Met Ala Gly Val Ile Gly Thr
1 5 10 15

<210> 9

<211> 17

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 9

Lys Lys Ile Thr Leu Ile Ile Phe Gly Val Met Ala Gly Val Ile Gly
1 5 10 15

Thr

<210> 10

<211> 19

<212> PRT

<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 10

Lys Lys Ile Thr Leu Ile Ile Phe Gly Val Met Ala Gly Val Ile Gly
1 5 10 15

Thr Lys Lys

<210> 11
<211> 15
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<220>
<221> misc_feature
<222> (8)..(8)
<223> D-Val

<220>
<221> misc_feature
<222> (12)..(12)
<223> D-Val

<400> 11

Ile Thr Leu Ile Ile Phe Gly Val Met Ala Gly Val Ile Gly Thr
1 5 10 15

<210> 12
<211> 17
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<220>
<221> misc_feature
<222> (10)..(10)
<223> D-Val

<220>
<221> misc_feature
<222> (14)..(14)
<223> D-Val

<400> 12

Lys Lys Ile Thr Leu Ile Ile Phe Gly Val Met Ala Gly Val Ile Gly
1 5 10 15

Thr

<210> 13

<211> 19

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<220>

<221> misc_feature

<222> (10)..(10)

<223> D-Val

<220>

<221> misc_feature

<222> (14)..(14)

<223> D-Val

<400> 13

Lys Lys Ile Thr Leu Ile Ile Phe Gly Val Met Ala Gly Val Ile Gly
1 5 10 15

Thr Lys Lys

<210> 14

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<220>

<221> misc_feature

<222> (5)..(5)

<223> D-Ile

<220>

<221> misc_feature

<222> (13)..(13)

<223> D-Ile

<400> 14

Ile Thr Leu Ile Ile Phe Gly Val Met Ala Gly Val Ile Gly Thr
1 5 10 15

<210> 15

<211> 17

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<220>

<221> misc_feature

<222> (7)..(7)

<223> D-Ile

<220>

<221> misc_feature

<222> (15)..(15)

<223> D-Ile

<400> 15

Lys Lys Ile Thr Leu Ile Ile Phe Gly Val Met Ala Gly Val Ile Gly
1 5 10 15

Thr

<210> 16

<211> 19

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<220>

<221> misc_feature

<222> (7)..(7)

<223> D-Ile

<220>

<221> misc_feature

<222> (15)..(15)

<223> D-Ile

<400> 16

Lys Lys Ile Thr Leu Ile Ile Phe Gly Val Met Ala Gly Val Ile Gly
1 5 10 15

Thr Lys Lys

<210> 17
<211> 32
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<220>
<221> misc_feature
<222> (13)..(14)
<223> D-Val

<220>
<221> misc_feature
<222> (17)..(17)
<223> D-Val

<400> 17

Phe Ser Glu Pro Glu Ile Thr Leu Ile Ile Phe Gly Val Met Ala Gly
1 5 10 15

Val Ile Gly Thr Ile Leu Leu Ile Ser Tyr Gly Ile Arg Arg Leu Ile
20 25 30

<210> 18
<211> 35
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<220>
<221> misc_feature
<222> (16)..(16)
<223> D-Val

<220>
<221> misc_feature
<222> (20)..(20)
<223> D-Val

<400> 18

Lys Lys Lys Phe Ser Glu Pro Glu Ile Thr Leu Ile Ile Phe Gly Val
1 5 10 15

Met Ala Gly Val Ile Gly Thr Ile Leu Leu Ile Ser Tyr Gly Ile Arg
20 25 30

Arg Leu Ile
35

<210> 19

<211> 32

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<220>

<221> misc_feature

<222> (10)..(10)

<223> D-Ile

<220>

<221> misc_feature

<222> (18)..(18)

<223> D-Ile

<400> 19

Phe Ser Glu Pro Glu Ile Thr Leu Ile Ile Phe Gly Val Met Ala Gly
1 5 10 15

Val Ile Gly Thr Ile Leu Leu Ile Ser Tyr Gly Ile Arg Arg Leu Ile
20 25 30

<210> 20

<211> 16

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 20

Met Val Leu Gly Val Phe Ala Leu Leu Gln Leu Ile Ser Gly Ser Leu
1 5 10 15

<210> 21
<211> 21
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 21

Lys Lys Lys Met Val Leu Gly Val Phe Ala Leu Leu Gln Leu Ile Ser
1 5 10 15

Gly Ser Leu Lys Lys
20

<210> 22
<211> 16
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<220>
<221> misc_feature
<222> (10)..(10)
<223> D-Gln

<220>
<221> misc_feature
<222> (15)..(15)
<223> D-Ser

<400> 22

Met Val Leu Gly Val Phe Ala Leu Leu Gln Leu Ile Ser Gly Ser Leu
1 5 10 15

<210> 23
<211> 21
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<220>
<221> misc_feature
<222> (13)..(13)
<223> D-Gln

<220>
<221> misc_feature
<222> (18)..(18)
<223> D-Ser

<400> 23

Lys Lys Lys Met Val Leu Gly Val Phe Ala Leu Leu Gln Leu Ile Ser
1 5 10 15

Gly Ser Leu Lys Lys
20

<210> 24
<211> 8
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 24

Ala Val Gly Ile Gly Ala Leu Phe
1 5

<210> 25
<211> 17
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<220>
<221> misc_feature
<222> (5)..(5)
<223> D-Ala

<220>
<221> misc_feature
<222> (6)..(6)
<223> D-Glu

<220>
<221> misc_feature
<222> (7)..(7)
<223> D-Ala

<220>
<221> misc_feature
<222> (8)..(8)
<223> D-Ala

<220>
<221> misc_feature
<222> (11)..(11)
<223> D-Ala

<220>
<221> misc_feature
<222> (15)..(15)
<223> D-Ala

<220>
<221> misc_feature
<222> (16)..(16)
<223> D-Ala

<220>
<221> misc_feature
<222> (17)..(17)
<223> D-Ala

<400> 25

Lys Lys Ile Thr Ala Gly Ala Ala Gly Val Ala Ala Gly Val Ala Ala
1 5 10 15

Ala

<210> 26
<211> 34
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 26

Trp Met Glu Trp Asp Arg Glu Ile Asn Asn Tyr Thr Ser Leu Ile His
1 5 10 15

Ser Leu Ile Glu Glu Ser Gln Asn Gln Gln Glu Lys Asn Glu Gln Glu
20 25 30

Leu Leu

<210> 27
<211> 13
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 27

Ala Val Gly Ile Gly Ala Leu Phe Leu Gly Phe Leu Gly
1 5 10

<210> 28
<211> 33
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 28

Phe Phe Gly Ala Val Ile Gly Thr Ile Ala Leu Gly Val Ala Thr Ser
1 5 10 15

Ala Gln Ile Thr Ala Gly Ile Ala Leu Ala Glu Ala Arg Glu Ala Lys
20 25 30

Arg

<210> 29
<211> 21
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide

<400> 29

Lys Lys Lys Met Val Leu Gly Val Phe Ala Leu Leu Phe Leu Ile Gly
1 5 10 15

Gly Ser Leu Lys Lys
20